

Maltepe Dental Clinic Completes Advanced Full-Mouth Dental Implant Restoration Using 3D Technology for International Patient

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Maltepe Dental Clinic completes comprehensive full-mouth dental implant restoration for international patients using fixed temporary teeth, allowing patients to continue their daily lives comfortably during the healing period. To achieve this, the clinic utilizes advanced 3D printing technology and digital scanning methods throughout the procedure. A recent example is a female patient from the United States. Her case highlights the growing trend of family-referral-driven international dental tourism, as she traveled to Istanbul based on her brother?s previous successful treatment at the clinic.

The treatment involved placing 10 dental implants, with five in the upper jaw and five in the lower jaw, using digital intraoral scanning, CBCT 3D imaging, and guided implant placement technology. The clinic's in-house dental laboratory produced 3D-printed provisional restorations on-site within minutes, streamlining the treatment process for the international patient.

"The integration of digital scanning and 3D printing technology has transformed how we approach complex implant cases," said Dr. Yusuf Ilhan, Specialist in Aesthetic Dentistry and Implantology at Maltepe Dental Clinic. "This technology allows us to provide precise, customized restorations while significantly reducing treatment time for our international patients who often have limited travel windows."

The case represents a notable example of family-driven medical tourism, as the patient was referred by his brother Dauda, who had previously received treatment at the Istanbul facility. Following the successful procedure, additional family members and friends have expressed interest in visiting the clinic for similar treatments.

According to the American College of Prosthodontists, an estimated 178 million Americans are missing at least one tooth, creating significant demand for implant solutions. The American Academy of Implant Dentistry notes that dental implants are the only tooth replacement option that stimulates bone growth and prevents jawbone deterioration. Research published in the NIH/NCBI StatPearls confirms that dental implants have become an integral treatment modality in dentistry, with success rates exceeding 95 percent when performed by experienced professionals.

"Patient comfort and clinical excellence remain our primary focus," added Dr. Alper Gurhan, noting that the recent patient reported experiencing no pain and minimal swelling during recovery. "Our combination of advanced technology and experienced clinical teams enables us to deliver predictable outcomes for patients traveling from abroad."

The Istanbul-based clinic utilizes implant systems from leading manufacturers including Straumann from Switzerland, Megagen Anyridge from South Korea, Hiossen from the USA, and ICX from Germany. The facility holds multiple international certifications including ISO 9001:2015, ISO 13485:2016, ISO 10002:2018, and an International Health Tourism Authorization Certificate.

Maltepe Dental Clinic has served over 14,000 patients from more than 85 countries over its 22 years of operation. The clinic operates facilities in both Istanbul's Kadiköy district and London, United Kingdom, making it the first Turkish dental clinic to establish its own facility in the UK. The practice specializes in comprehensive dental treatments including veneers, zirconium crowns, full porcelain crowns, cosmetic dentistry, and dental implant restoration.

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Maltepe Dental Clinic

Maltepe Dental Clinic delivers world-class dental care, backed by over 22 years of expertise, cutting-edge technology, and a dedicated team, serving patients in Istanbul and at our London consultation office.

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